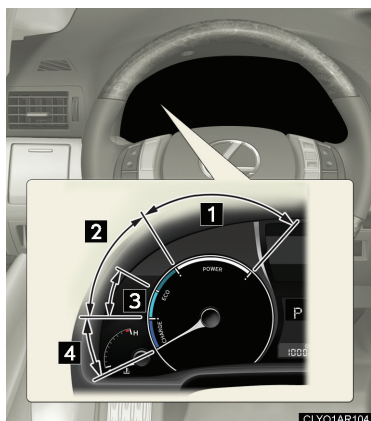


Hybrid System (RX450h)

Your vehicle is a hybrid vehicle. It has characteristics different from conventional vehicles. Be sure you are closely familiar with the characteristics of your vehicles, and operate with care. The hybrid system combines a gasoline engine and an electric motor (traction motor) according to driving conditions, improving fuel efficiency and reducing exhaust emissions. For details, refer to the "Owner's Manual".

Hybrid System Indicator



- 1 Power area**
Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)
- 2 Eco area**
Shows that the vehicle is being driven in an Eco-friendly manner.
- 3 Hybrid Eco area**
Shows that gasoline engine power is not being used very often.
The gasoline engine will automatically stop and restart under various conditions.
- 4 Charge area**
Shows that energy is being recovered via regenerative braking.

■ Regenerative braking

The motor generator converts kinetic energy to electric energy when:

- The accelerator pedal is released.
- The brake pedal is depressed with the shift lever in D or S.

■ Sounds and vibrations specific to a hybrid vehicle

There may be no engine sounds or vibrations even though the vehicle is able to move. Always put the shift lever in P when parked.

The following sounds or vibrations may occur when the hybrid system is operating, and are not a malfunction:

- Motor sounds may be heard from the engine compartment.
- Sounds may be heard from the hybrid battery (traction battery) under the rear seat when the hybrid system starts or stops.
- Sounds from the hybrid system may be heard when the back door is open.
- Sounds may be heard from the hybrid transmission when the engine is started or stopped, or while the engine is idling.
- Engine sounds may be heard when accelerating sharply.
- Sounds may be heard due to regenerative braking when the brake pedal is depressed and accelerator is loosened.
- Vibrations may be felt when the gasoline engine starts or stops.
- Cooling fan sounds may be heard from the air intake vents under the rear seat.

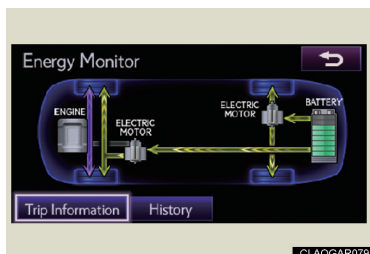
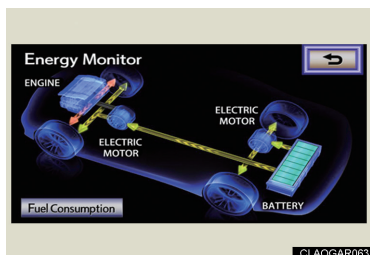
Energy Monitor / Consumption Screens (RX450h)

You can view the status of your hybrid system on the multi-information display and the navigation system screen or the Lexus Display Audio screen.

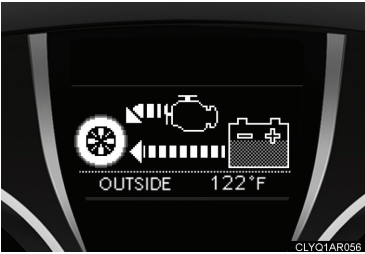
Energy monitor

The energy monitor can be displayed on both the Navigation system screen and the multi-information display.

- How to display on the Navigation system screen (→P.41):
Press the "MENU" button on the Remote Touch, and select "Info/Apps" after that select "Fuel Consumption".
If the "Trip Information" or "Past Record" screen is displayed, select the "Energy".
- How to display on the Lexus Display Audio system screen (→P.44):
Press the "MENU" button on the Lexus Display Audio controller, and select "Car" on the "Menu" screen.
If the "Trip Information" or "History" screen is displayed, select the "Energy".
- How to display on the multi-information display:
Press the "∧" or "∨" switch on the steering wheel through several items to select the energy monitor display.



- The flow of energy is displayed on the navigation system screen or the Lexus Display Audio screen. (The rear electric motor is equipped AWD models only.)
- The flow of energy is indicated by the movement of the arrows on the multi-information display.
- The battery display acts as an 9-step indicator of the hybrid battery level.



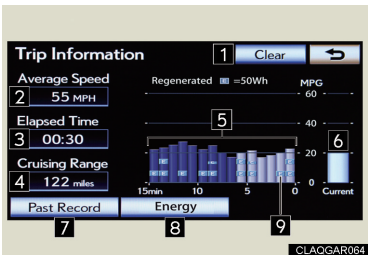
The displayed energy flow, battery level, etc. will change in response to the current driving conditions.

■ Consumption (with a navigation system)

Press the “MENU” button on the Remote Touch and select “Info/Apps”.

Select “Fuel Consumption”.

If the “Trip Information” screen does not appear, select “Fuel Consumption” on the “Energy Monitor” screen or “Trip Information” on the “Past Record” screen.



- 1 Reset the trip information data
- 2 Average vehicle speed
- 3 Elapsed time
- 4 Cruising range
- 5 Previous fuel consumption per minute
- 6 Current fuel consumption
- 7 “Past Record” screen appears
- 8 “Energy Monitor” screen appears
- 9 Regenerated energy

E : One symbol indicates 50 Wh.

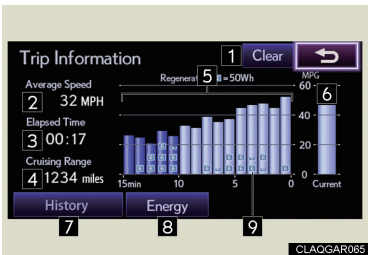
The image is examples only, and may vary slightly from actual conditions.

■ Consumption (with the Lexus Display Audio system)

Press the “MENU” button on the Lexus Display Audio controller.

Select “Car” on the “Menu” screen.

If the “Trip information” screen does not appear, select “Trip information”.



- 1 Reset the trip information data
- 2 Average vehicle speed
- 3 Elapsed time
- 4 Cruising range
- 5 Previous fuel consumption per minute
- 6 Current fuel consumption
- 7 “History” screen appears
- 8 “Energy Monitor” screen appears
- 9 Regenerated energy

E : One symbol indicates 50 Wh.

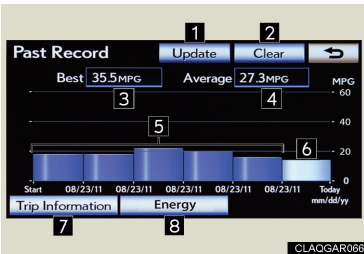
The image is examples only, and may vary slightly from actual conditions.

■ Past record (with a navigation system)

Press the “MENU” button on the Remote Touch and select “Info/Apps”.

Select “Fuel Consumption”.

If the “Past Record” screen does not appear, select “Fuel Consumption” on the “Energy Monitor” screen or “Past Record” on the “Trip Information” screen.



- 1 Update the past record data
- 2 Reset the past record data
- 3 Best past fuel consumption
- 4 Average fuel consumption
- Use the displayed average fuel consumption as a reference.
- 5 Previous fuel economy record
- 6 Current fuel economy
- 7 “Trip Information” screen appears
- 8 “Energy Monitor” screen appears

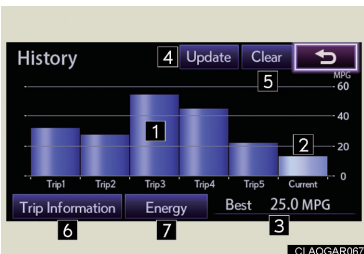
The image is examples only, and may vary slightly from actual conditions.

■ Past record (with the Lexus Display Audio system)

Press the “MENU” button on the Lexus Display Audio controller.

Select “Car” on the “Menu” screen.

If the “History” screen does not appear, select “History”.

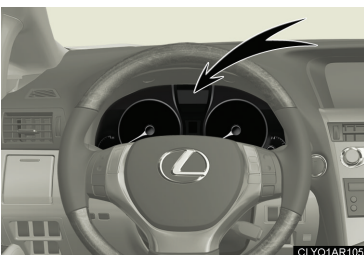


- 1 Previous fuel economy record
- 2 Current fuel economy
- 3 Best past fuel consumption
- 4 Update the past record data
- 5 Reset the past record data
- 6 “Trip information” screen appears
- 7 “Energy Monitor” screen appears

The image is examples only, and may vary slightly from actual conditions.

■ Hybrid warning message

A message is automatically shown when a malfunction occurs in the hybrid system or an improper operation is attempted.



If a warning message is shown on the multi-information display, read the message and follow the instructions.